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Room 1

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Room Surfaces

Workplane

Value Chart (E)	10
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HB--30fc

Isolines (E, Perpendicular)	11
Greyscale (E, Perpendicular)	12
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Dock--40fc

Isolines (E, Perpendicular)	14
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HB--30fc

Isolines (E, Perpendicular)	17
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Value Chart (E, Perpendicular)	19

40fc

Isolines (E, Perpendicular)	20
Greyscale (E, Perpendicular)	21
Value Chart (E, Perpendicular)	22

Sample



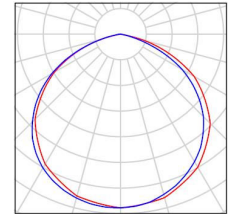
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Project 1 / Luminaire parts list

19 Pieces

Article No.: U-00150-SP
Luminous flux (Luminaire): 18587 lm
Luminous flux (Lamps): 18587 lm
Luminaire Wattage: 146.5 W
Luminaire classification according to CIE: 100
CIE flux code: 50 84 98 100 100
Fitting: 1 x User defined (Correction Factor 1.000).

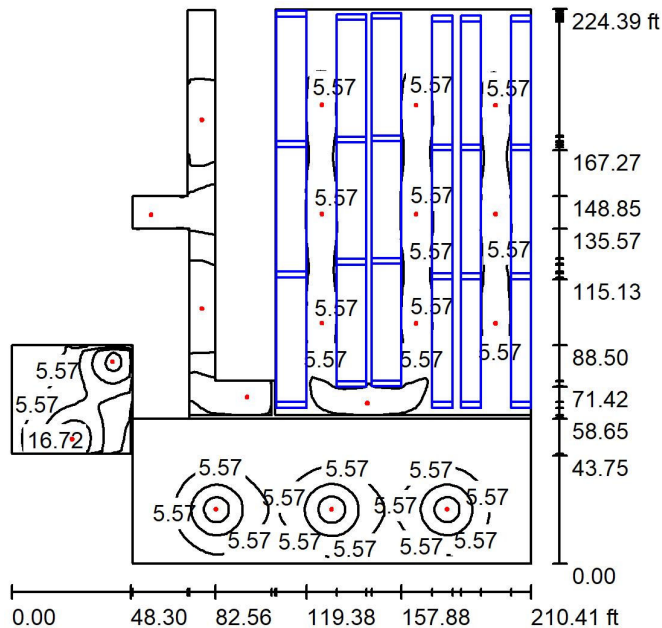
See our luminaire catalog for an image of the luminaire.





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Room 1 / Summary



Height of Room: 32.000 ft, Light loss factor: 0.80

Values in Footcandles, Scale 1:879

Surface	ρ [%]	E_{av} [fc]	E_{min} [fc]	E_{max} [fc]	$u0$
Workplane	/	4.65	0.35	24	0.076
Floors (4)	30	4.16	0.25	19	/
Ceilings (4)	70	2.70	0.64	12	/
Walls (21)	50	3.87	0.33	75	/

Workplane:

Height: 2.789 ft
Grid: 128 x 128 Points
Boundary Zone: 0.000 ft

Luminaire Parts List

No.	Pieces	Designation (Correction Factor)	Φ (Luminaire) [lm]	Φ (Lamps) [lm]	P [W]
1	19	150WHB (1.000)	18587	18587	146.5
Total:			353162	353162	2783.5

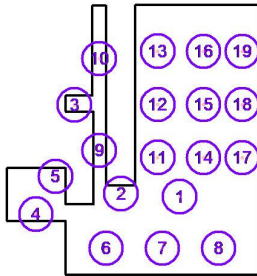
Specific connected load: 0.09 W/sq ft = 0.19 W/sq ft/10 fc (Ground area: 31270.02 sq ft)



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Room 1 / Luminaires (coordinates list)

18587 lm, 146.5 W, 1 x 1 x User defined (Correction Factor 1.000).

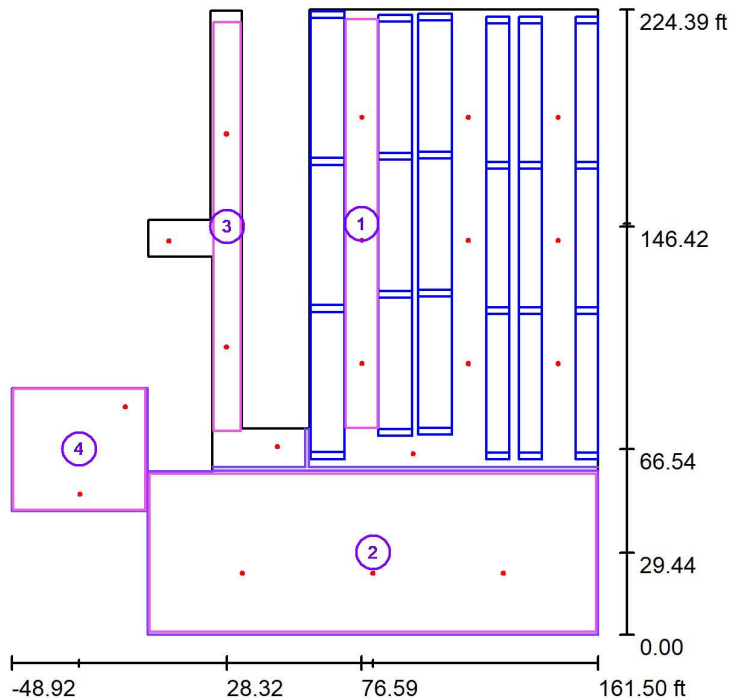


No.	Position [ft]			Rotation [°]		
	X	Y	Z	X	Y	Z
1	95.011	64.943	32.000	0.0	0.0	0.0
2	46.329	67.461	32.000	0.0	0.0	0.0
3	7.475	141.230	32.000	0.0	0.0	0.0
4	-24.458	50.472	20.000	0.0	0.0	0.0
5	-8.153	81.758	20.000	0.0	0.0	0.0
6	33.796	22.007	20.000	0.0	0.0	0.0
7	80.589	22.007	20.000	0.0	0.0	0.0
8	127.382	22.007	20.000	0.0	0.0	0.0
9	28.066	103.242	32.000	0.0	0.0	180.0
10	28.066	179.705	32.000	0.0	0.0	180.0
11	76.679	97.377	32.000	0.0	0.0	180.0
12	76.679	141.555	32.000	0.0	0.0	180.0
13	76.679	185.734	32.000	0.0	0.0	180.0
14	114.823	97.295	32.000	0.0	0.0	180.0
15	114.823	141.474	32.000	0.0	0.0	180.0
16	114.823	185.652	32.000	0.0	0.0	180.0
17	147.010	97.295	32.000	0.0	0.0	180.0
18	147.010	141.474	32.000	0.0	0.0	180.0
19	147.010	185.652	32.000	0.0	0.0	180.0



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Room 1 / Calculation surfaces (results overview)



Scale 1 : 779

Calculation Surface List

No.	Designation	Type	Grid	E_{av} [fc]	E_{min} [fc]	E_{max} [fc]	u0	E_{min} / E_{max}
1	HB--30fc	perpendicular	32 x 128	6.75	2.01	9.03	0.297	0.222
2	Dock--40fc	perpendicular	128 x 128	5.32	0.74	20	0.140	0.037
3	HB--30fc	perpendicular	32 x 128	6.25	1.70	9.60	0.272	0.177
4	40fc	perpendicular	64 x 64	10	2.21	24	0.211	0.093

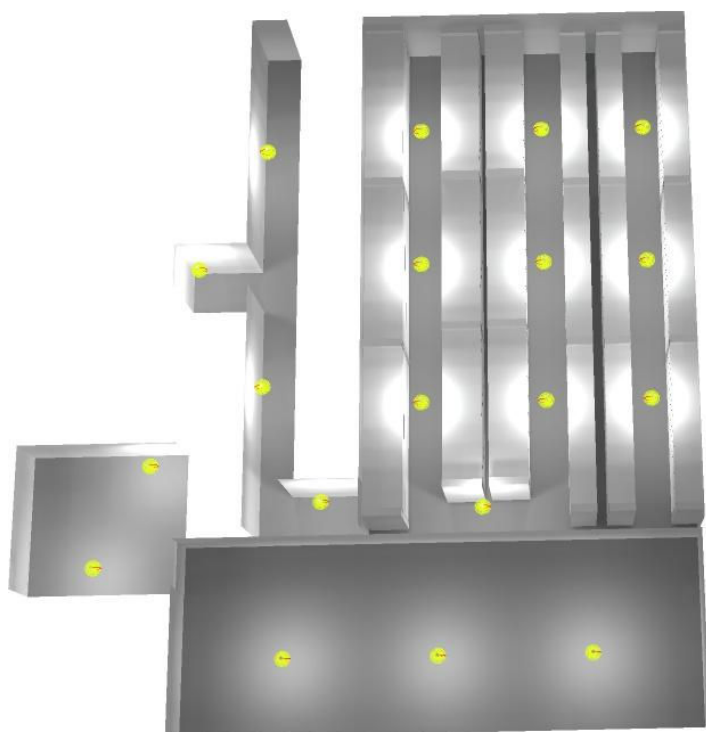
Summary of Results

Type	Quantity	Average [fc]	Min [fc]	Max [fc]	u0	E_{min} / E_{max}
perpendicular	4	6.33	0.74	24	0.12	0.03



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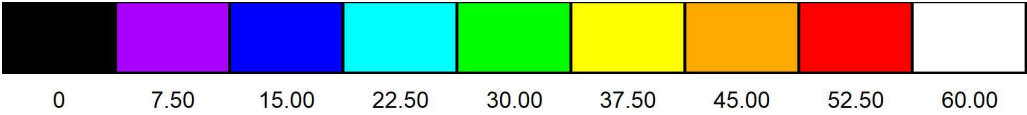
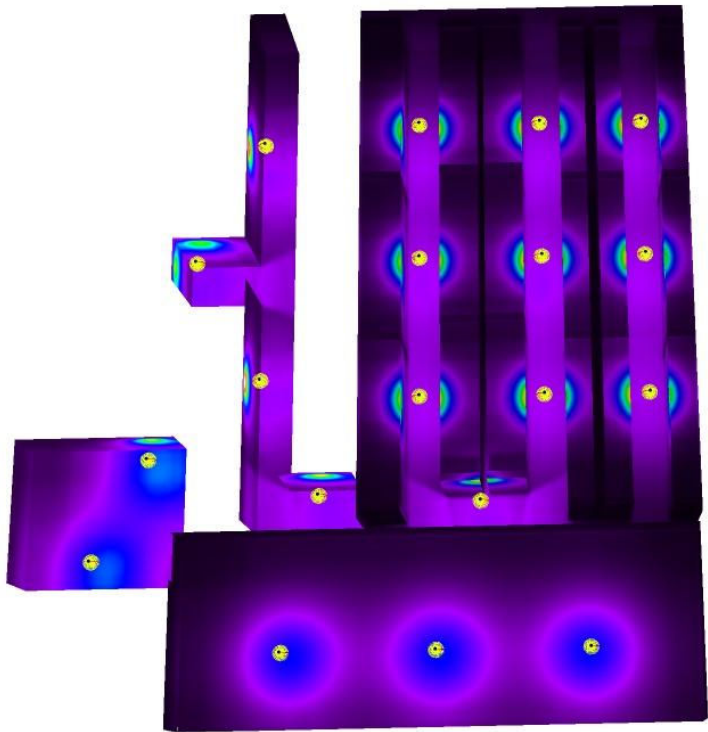
Room 1 / 3D Rendering





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Room 1 / False Color Rendering

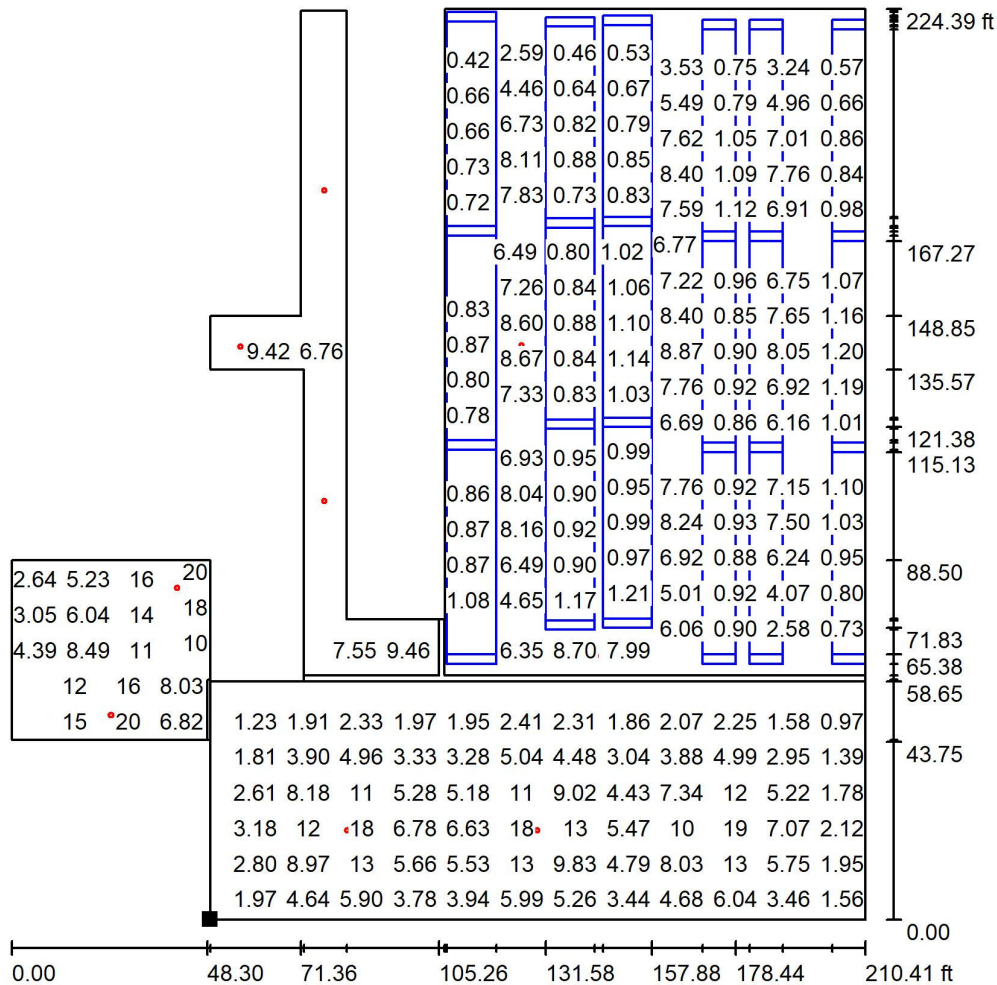


fc



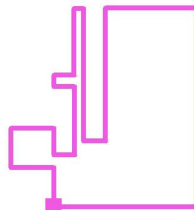
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Room 1 / Workplane / Value Chart (E)



Not all calculated values could be displayed.

Position of surface in room:
Marked point:
(0.000 ft, 0.000 ft, 2.789 ft)



Grid: 128 x 128 Points

E_{av} [fc]
4.65

E_{min} [fc]
0.35

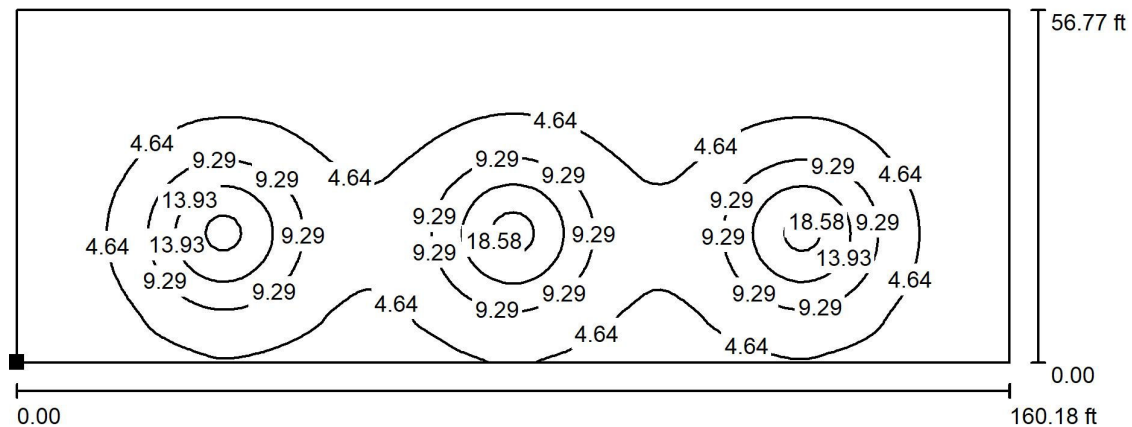
E_{max} [fc]
24

u_0
0.076

E_{min} / E_{max}
0.015

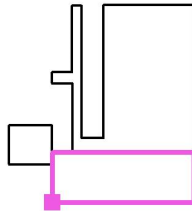


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Room 1 / Dock--40fc / Isolines (E, Perpendicular)

Values in Footcandles, Scale 1 : 350

Position of surface in room:
Marked point:
(0.616 ft, 1.053 ft, 2.789 ft)



Grid: 128 x 128 Points

E_{av} [fc]
5.32

E_{min} [fc]
0.74

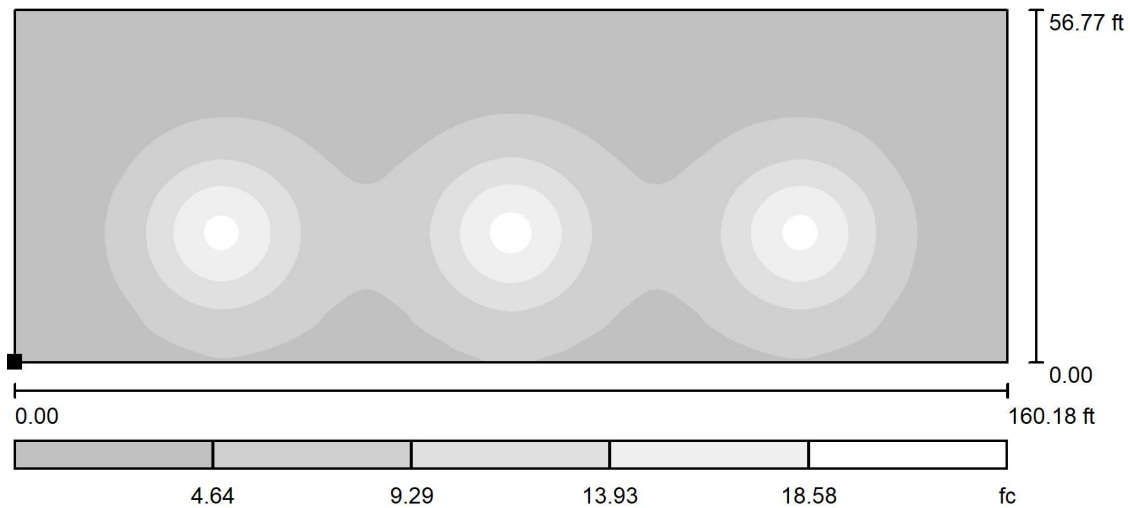
E_{max} [fc]
20

$u0$
0.140

E_{min} / E_{max}
0.037

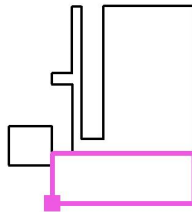


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Room 1 / Dock--40fc / Greyscale (E, Perpendicular)

Scale 1 : 350

Position of surface in room:
Marked point:
(0.616 ft, 1.053 ft, 2.789 ft)



Grid: 128 x 128 Points

E_{av} [fc]
5.32

E_{min} [fc]
0.74

E_{max} [fc]
20

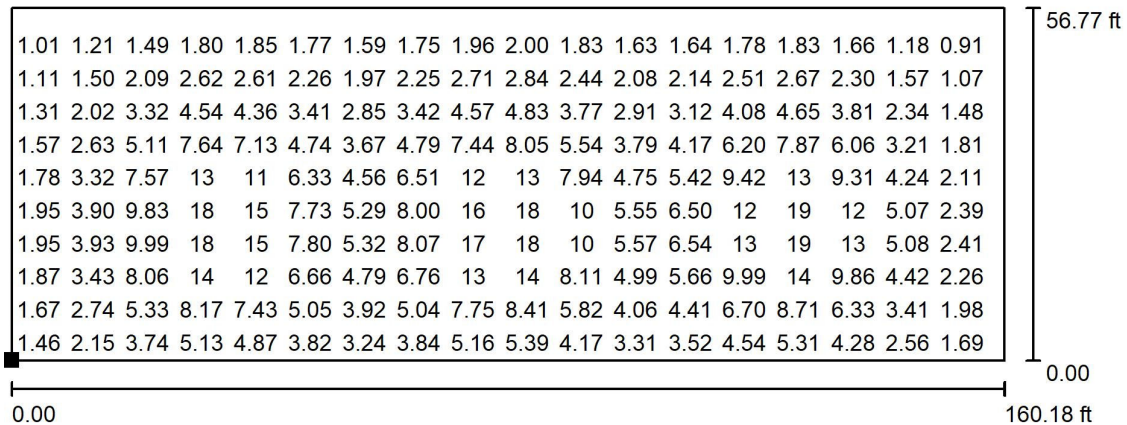
u_0
0.140

E_{min} / E_{max}
0.037



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Room 1 / Dock--40fc / Value Chart (E, Perpendicular)



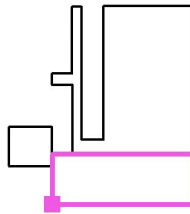
Values in Footcandles, Scale 1 : 350

Not all calculated values could be displayed.

Position of surface in room:

Marked point:

(0.616 ft, 1.053 ft, 2.789 ft)



Grid: 128 x 128 Points

E_{av} [fc]
5.32

E_{min} [fc]
0.74

E_{max} [fc]
20

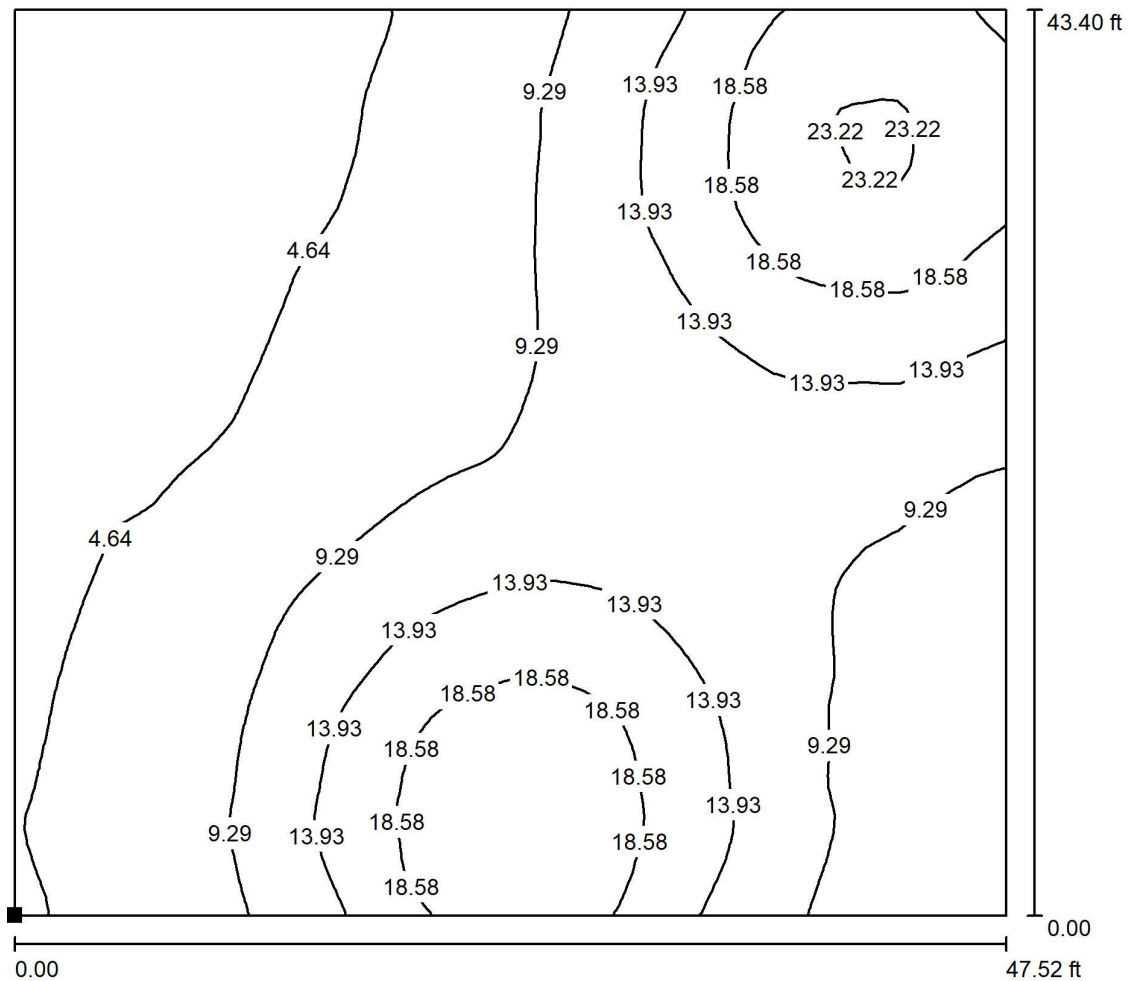
u_0
0.140

E_{min} / E_{max}
0.037



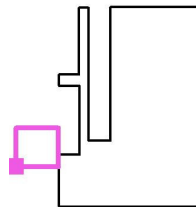
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Room 1 / 40fc / Isolines (E, Perpendicular)



Values in Footcandles, Scale 1 : 104

Position of surface in room:
Marked point:
(-48.442 ft, 44.846 ft, 2.789 ft)



Grid: 64 x 64 Points

E_{av} [fc]
10

E_{min} [fc]
2.21

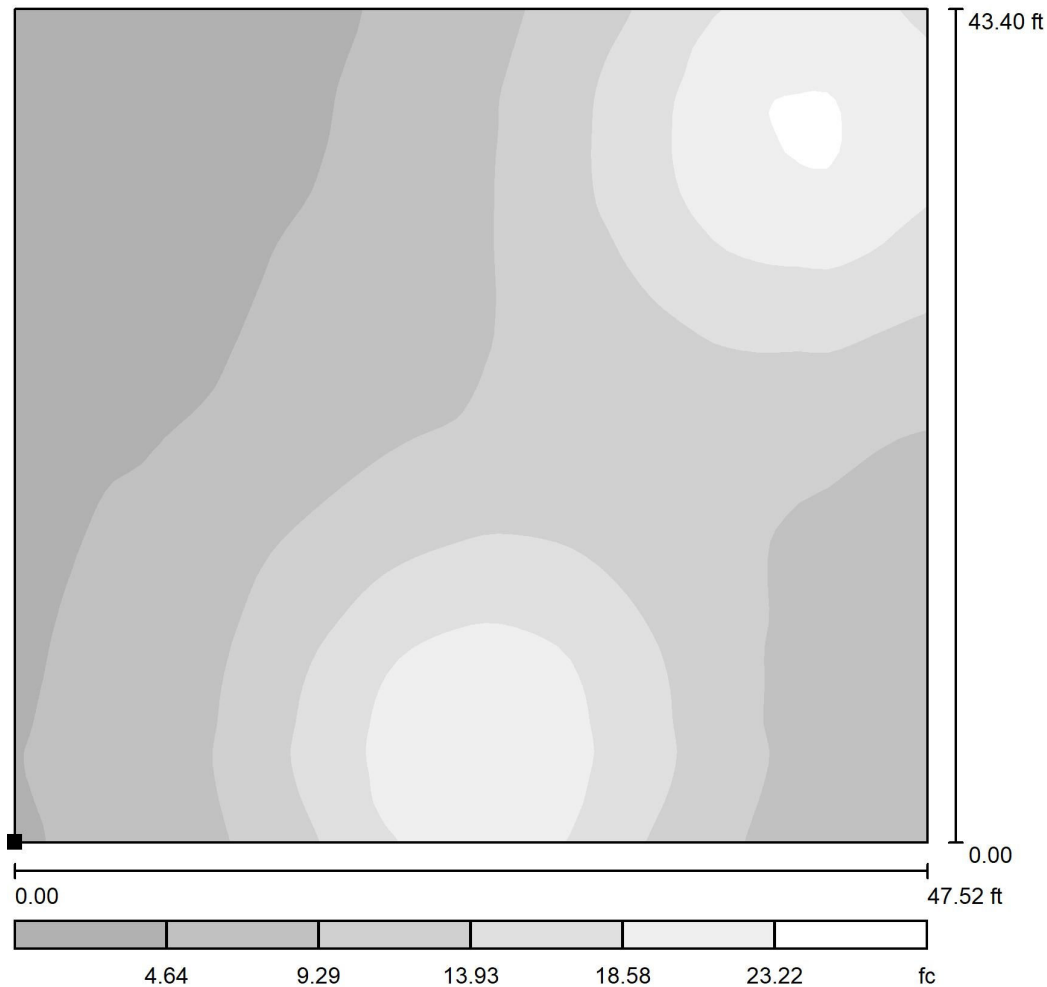
E_{max} [fc]
24

u_0
0.211

E_{min} / E_{max}
0.093

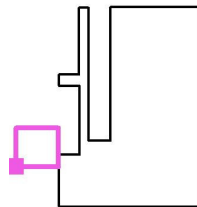


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Room 1 / 40fc / Greyscale (E, Perpendicular)

Scale 1 : 113

Position of surface in room:
Marked point:
(-48.442 ft, 44.846 ft, 2.789 ft)



Grid: 64 x 64 Points

E_{av} [fc]
10

E_{min} [fc]
2.21

E_{max} [fc]
24

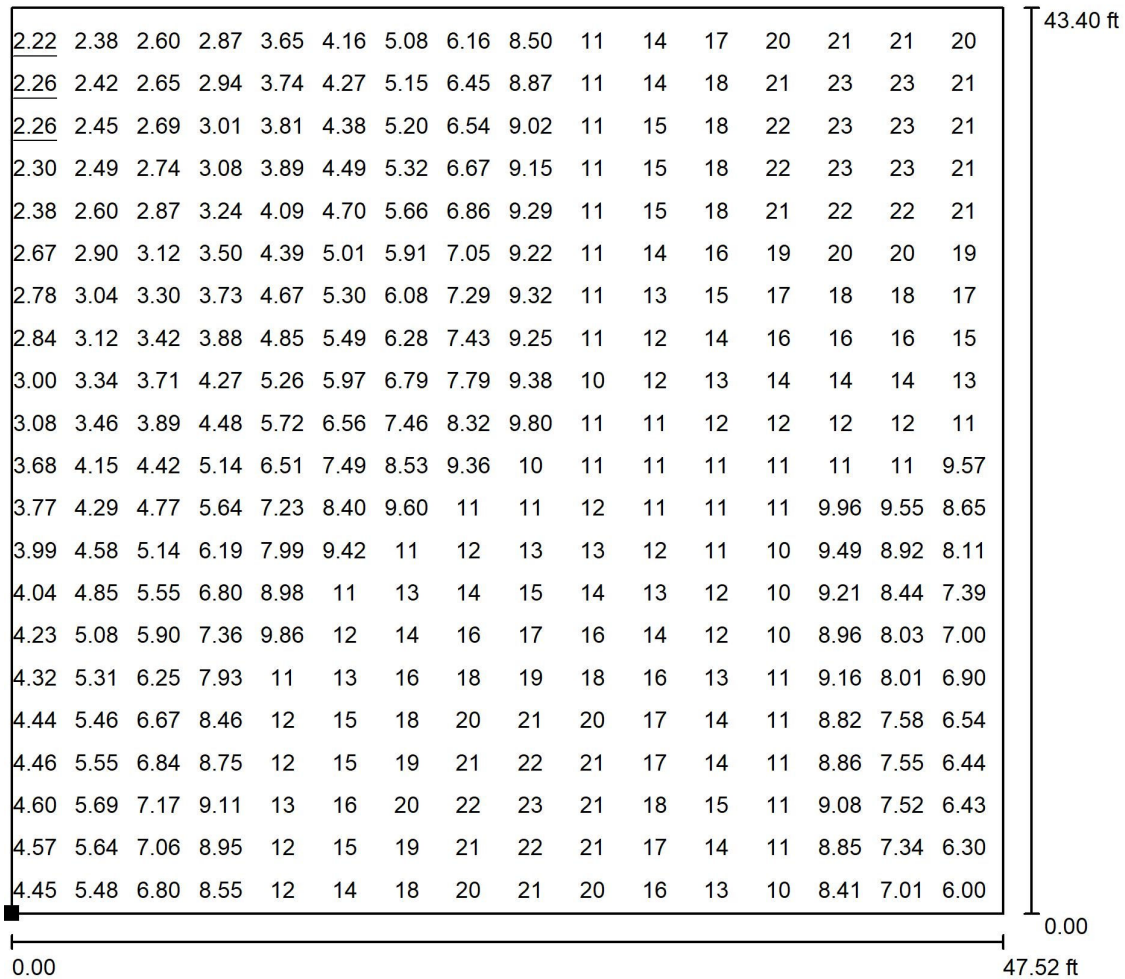
u_0
0.211

E_{min} / E_{max}
0.093



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Room 1 / 40fc / Value Chart (E, Perpendicular)



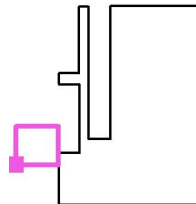
Values in Footcandles, Scale 1 : 104

Not all calculated values could be displayed.

Position of surface in room:

Marked point:

(-48.442 ft, 44.846 ft, 2.789 ft)



Grid: 64 x 64 Points

E_{av} [fc]
10

E_{min} [fc]
2.21

E_{max} [fc]
24

u_0
0.211

E_{min} / E_{max}
0.093